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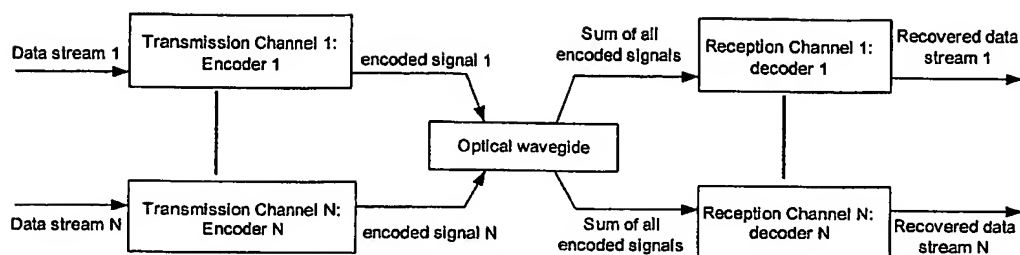


FIG A

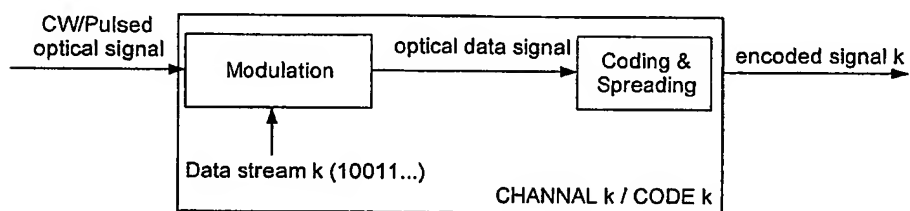


FIG B

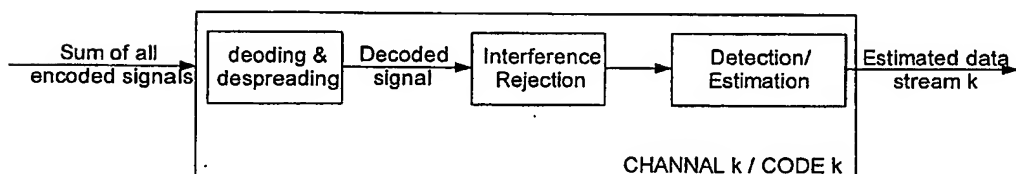


FIG C

FIG 1
PRIOR ART

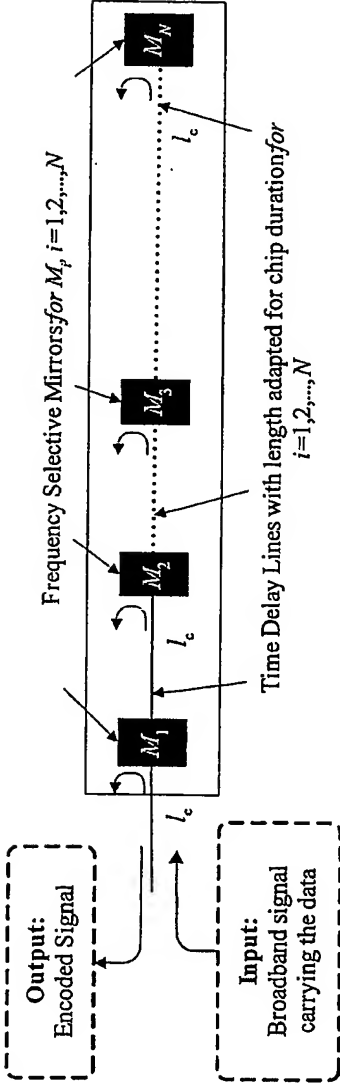


FIG 2
PRIOR ART

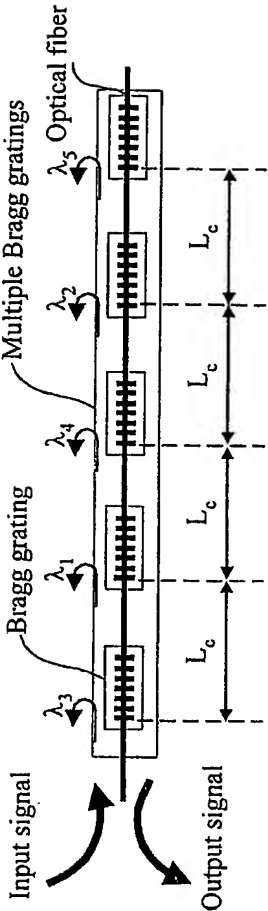


FIG 3
PRIOR ART

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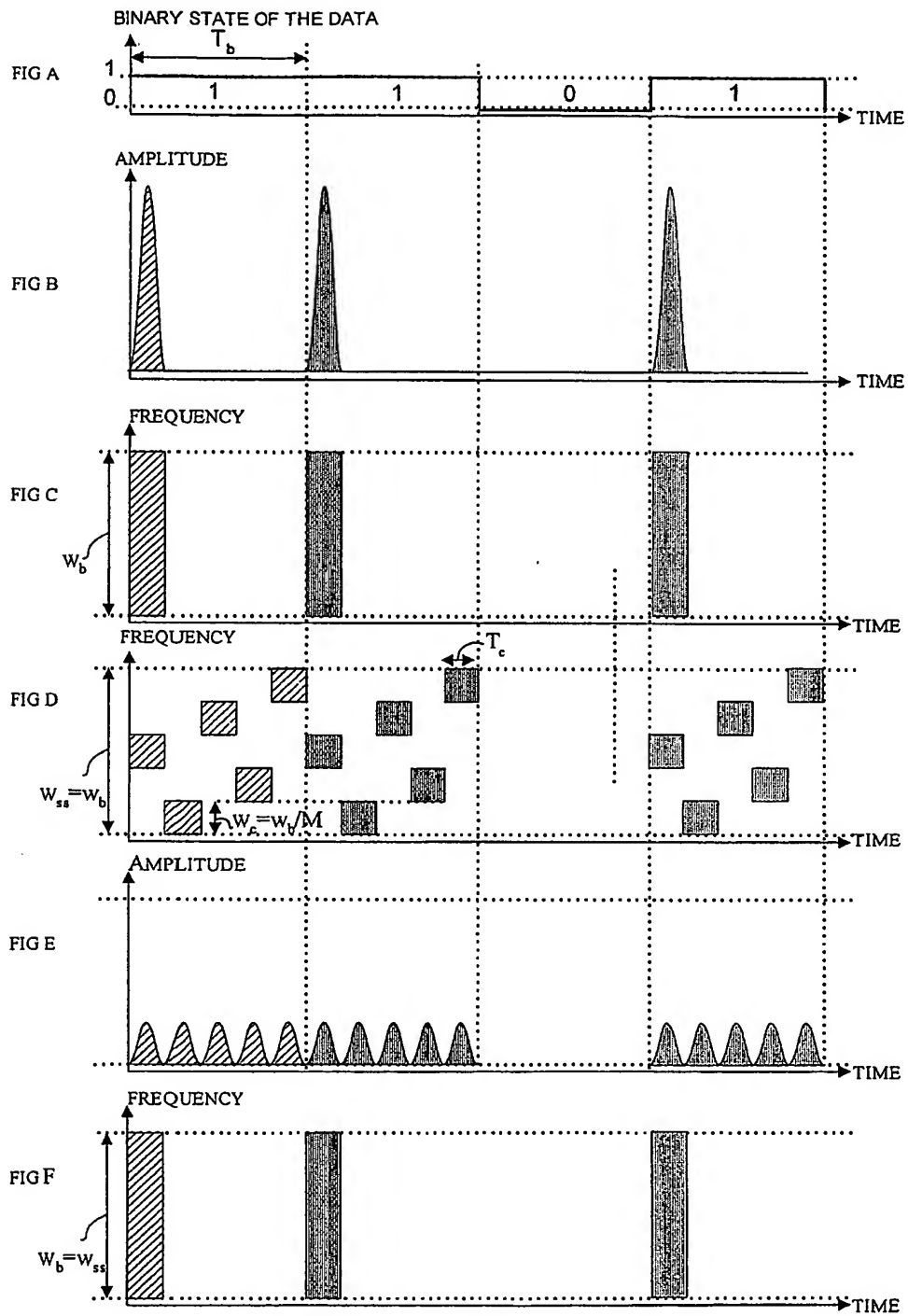


FIG. 4
PRIOR ART

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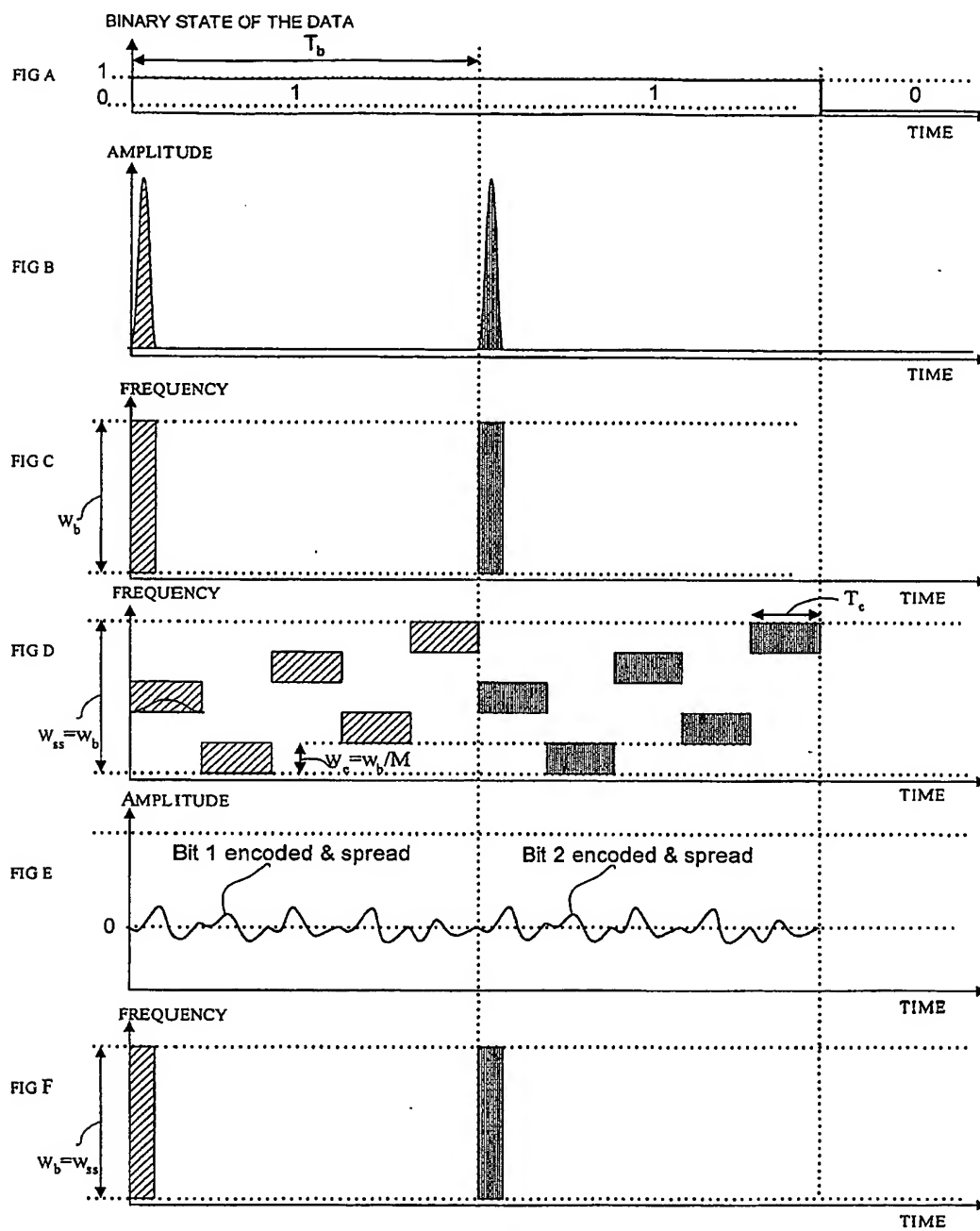


FIG. 5
PRIOR ART

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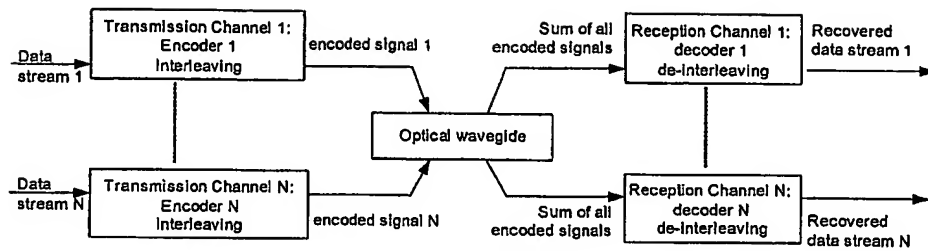


FIG A

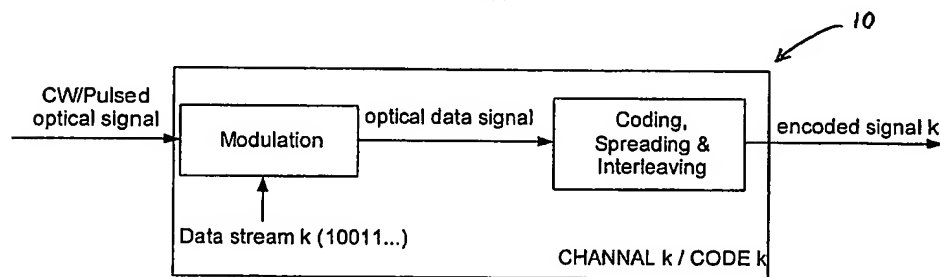


FIG B

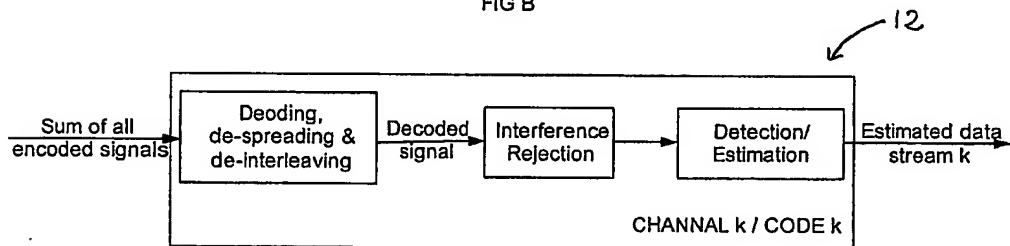


FIG C

FIG. 6

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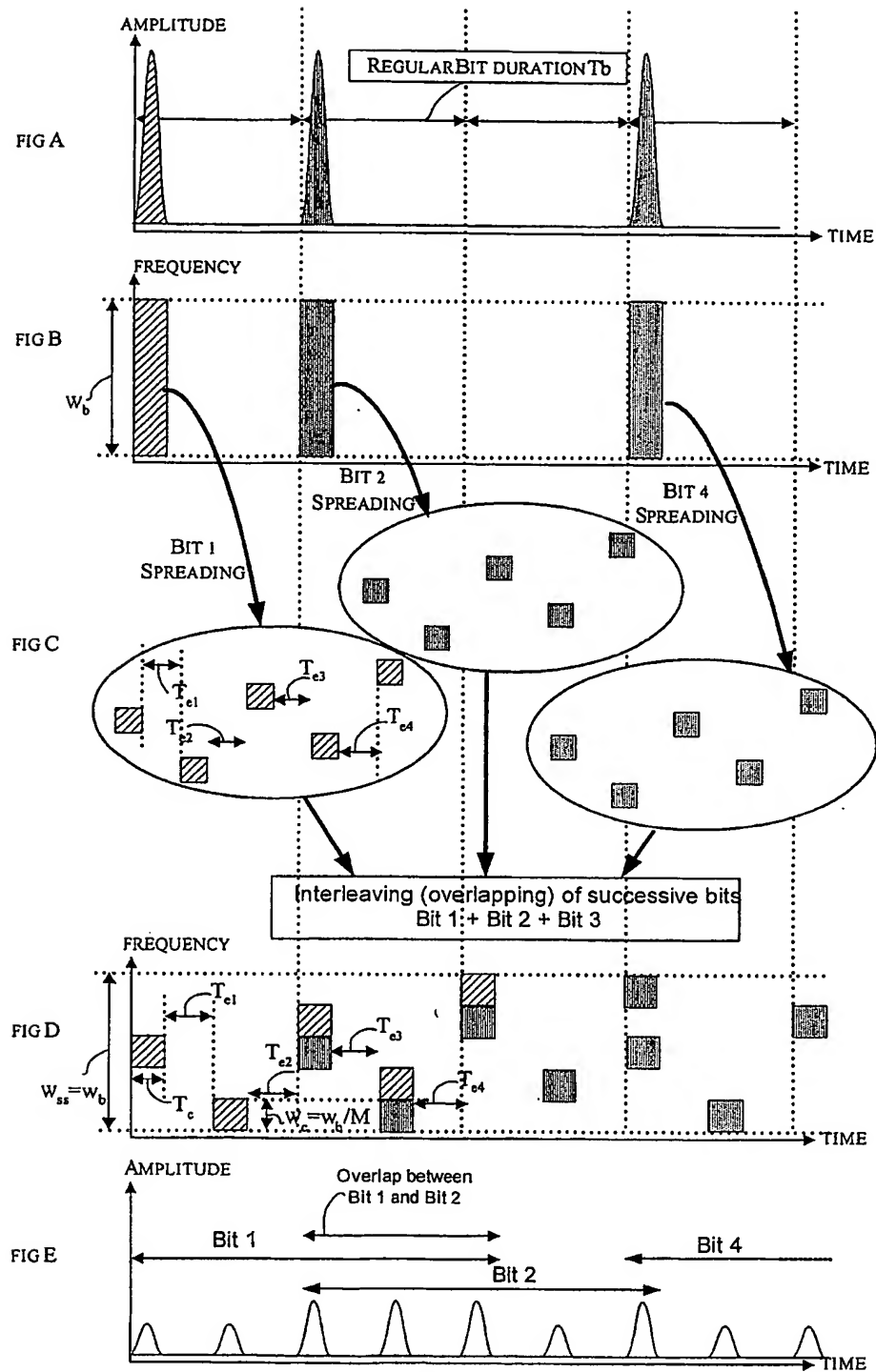


FIG. 7

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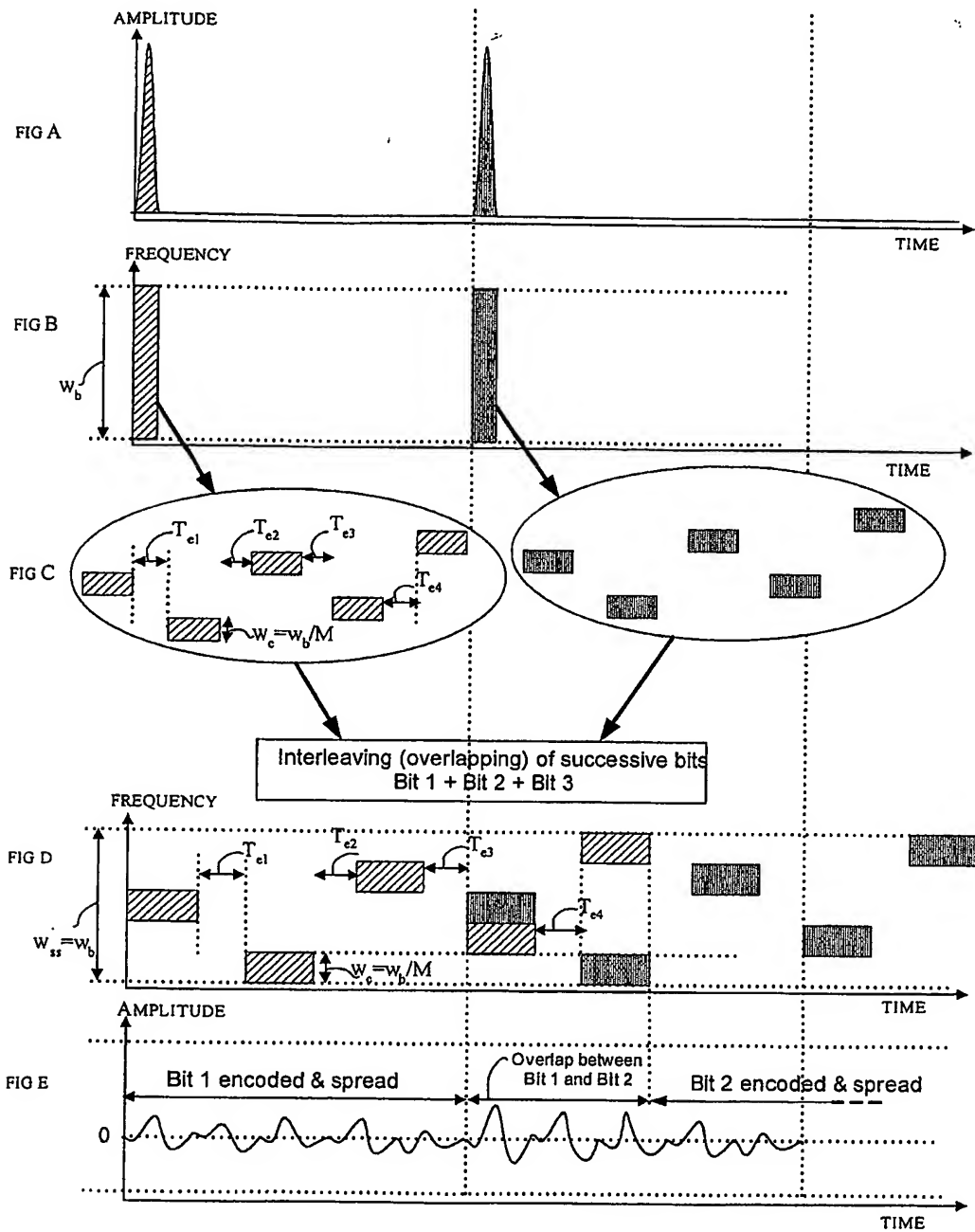


FIG. 8

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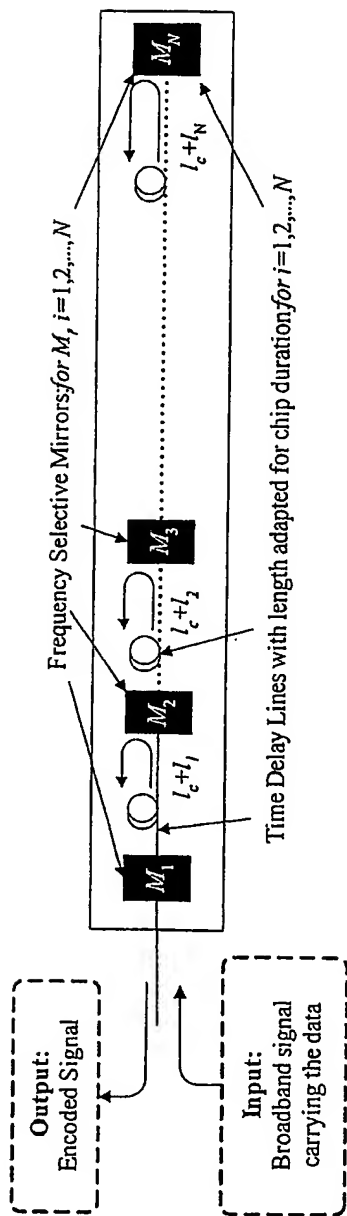


FIG 9

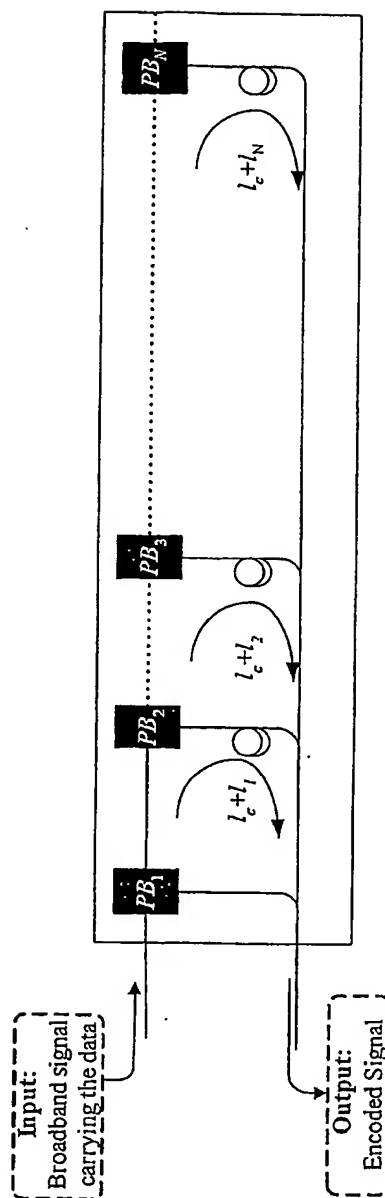


FIG 10

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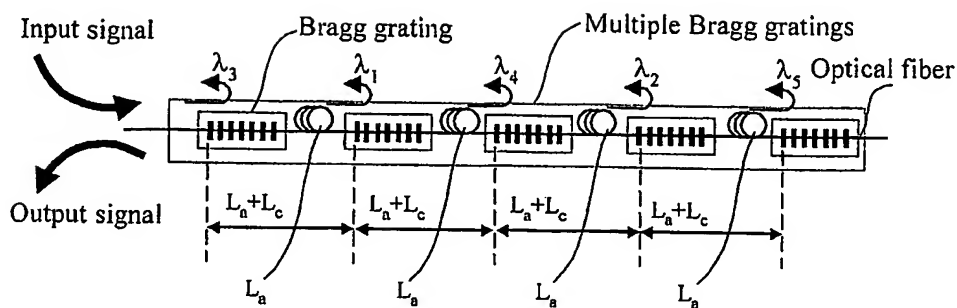
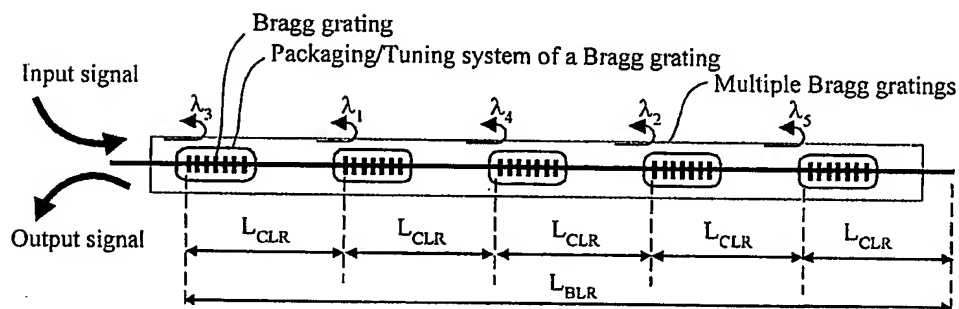
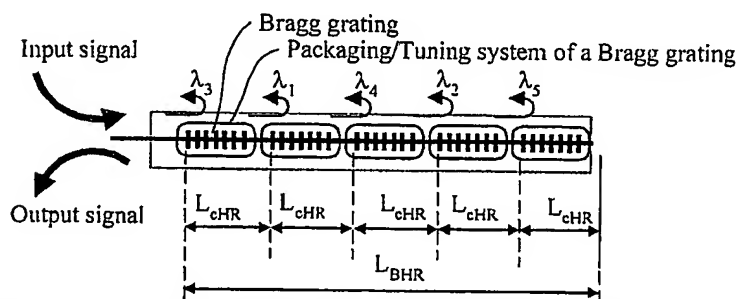


FIG 11



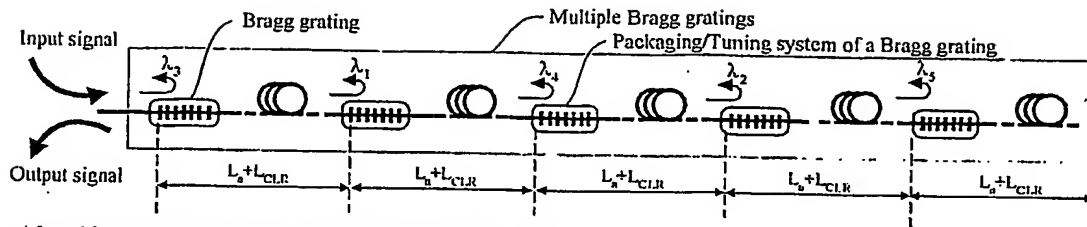
a) Low bit rate encoder for prior art's OFFH-CDMA system



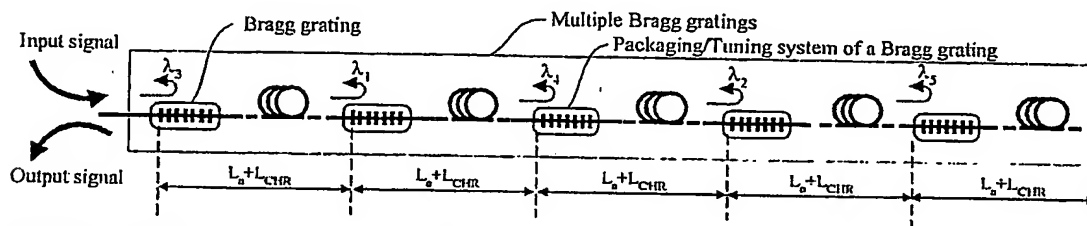
b) High bit rate encoder for the prior-art's OFFH-CDMA system

FIG 12
PRIOR ART

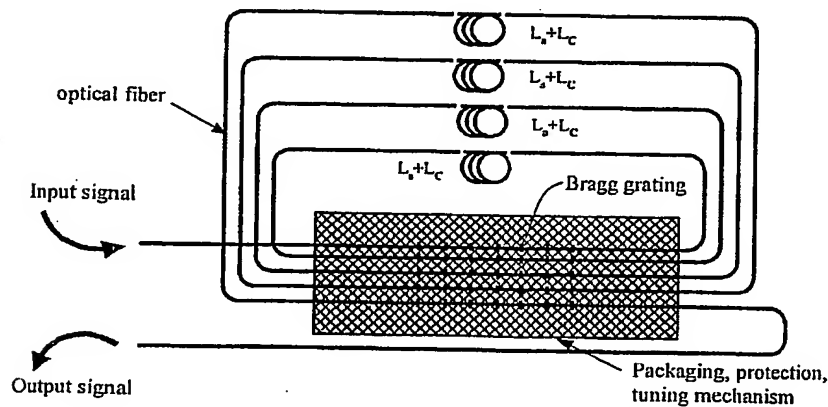
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a) Low bit rate encoder for the invented Optical CDMA system



b) High bit rate encoder for the invented Optical CDMA system

FIG 13

Preferable packaging method of a bragg grating series: The Bragg gratings of the encoder/decoder are collected in the same packaging system, reducing hence the volume and the cost of the set.

FIG 14